

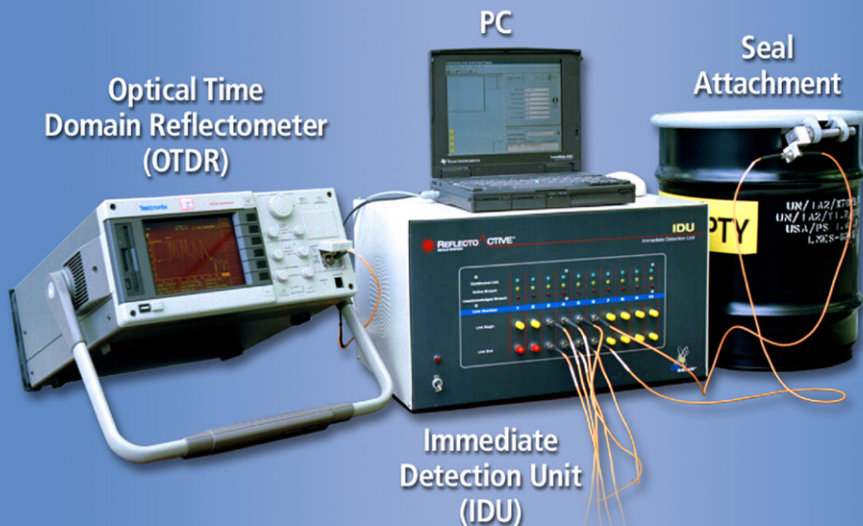
ReflectoActive™ Seals System

The ReflectoActive™ Seals System can monitor large arrays of items and can immediately detect when any item in the array is being breached.

The ReflectoActive™ Seals System provides real-time, continuous tamper indication for large arrays of storage containers. Fully automated and controlled from an intuitive graphical user interface, this system provides unattended remote monitoring capabilities at a significantly lower cost than other active seal technologies. The ReflectoActive™ Seals System can be provided in several configurations, depending on user requirements. The seal attachment scheme is adaptable for various types of container closure designs and can be implemented in almost any container configuration. This flexibility allows the system to monitor virtually any high-value asset. The system uses optical fiber technology and has very few maintenance requirements.

Material control and accountability is achieved by supplying a pseudo-random modulated light in both directions along a fiber optic loop that may have 150 to 200 seals. Any breach, or opening of a seal, in that loop is immediately detected and resolved. All closed seals within that loop remain under continuous surveillance during the breach.

The ReflectoActive™ Seals System



The ReflectoActive™ Seals System can monitor seals located on containers nearby or several kilometers apart in nearly any type of indoor or outdoor environment. The system can be configured to monitor containers individually or collectively.



Hardware and Software Requirements

The ReflectoActive™ Seals System is monitored and administered by a PC running the ReflectoActive™ Seals System software. This software is a multi-threaded client-server application. Security features include a two-person rule and continuous event logging. Additionally, the software's architecture provides a secure method by which local and remote clients monitor the system and perform administrative tasks.



ReflectoActive™ Seals System Advantages

- Immediate detection and logging of seal breaches or tampering
- Highly secure, 24-hour per day monitoring with fiber-optic technology
- Reusable seals (>500 reconnections)
- Large monitoring capacity (1500 to 2000 seals)
- Easily configurable
- Interface with remote inventory software
- Monitoring continues in closed seals even when opening or breach has occurred